

**STATE OF VERMONT
PUBLIC SERVICE BOARD**

Petition by the Washington Electric)
Cooperative, Inc., Pursuant to 30)
V.S.A. §248(j), for a Certificate) Docket No. _____
of Public Good Authorizing the)
Reconstruction of the)
East Montpelier Substation)

PETITION FOR A CERTIFICATE OF PUBLIC GOOD.

NOW COMES THE WASHINGTON ELECTRIC COOPERATIVE, INC.,
(hereinafter "WEC") by and through its attorneys, Diamond & Robinson, P.C., of
Montpelier, Vermont, and pursuant to 30 V.S.A. § 248(j), hereby submits this Petition for
a Certificate of Public Good (hereafter "Petition") to reconstruct the East Montpelier
substation located in the East Montpelier, Vermont. In furtherance of this Petition, WEC
states the following:

1. WEC is a duly organized public service cooperative with its principle place of
business located in East Montpelier, Vermont. WEC is a "company" as defined by 30
V.S.A. § 201 and as such is subject to the Vermont Public Service Board's (hereafter
referred to as "the Board") jurisdiction pursuant to 30 V.S.A. § 203. WEC seeks to
reconstruct a new substation within the Town of East Montpelier, Vermont (hereinafter
"E. Montpelier"), to replace an existing substation that is aged, deteriorating, and
inefficient. Accordingly, this project is subject to the Board's jurisdiction pursuant to 30
V.S.A. § 248(a)(2).

2. Pursuant to 30 V.S.A. §§ 2801 & 2802, WEC has a "duty to serve" those customers located within its service territory. The Town of East Montpelier, Vermont, is located within WEC's service territory.
3. Pursuant to the aforementioned duty, WEC has developed a least cost integrated plan to provide adequate service to those customers served in the Town of East Montpelier, Vermont, and the surrounding areas.
4. The reconstruction of a new substation in the Town of East Montpelier to replace an existing substation that is aged, deteriorating, and inefficient requires a Certificate of Public Good pursuant to 30 V.S.A. § 248.
5. The new substation will be reconstructed on the same site and parking lot of the existing substation in East Montpelier. The new substation will have overall dimensions and capacity that is not significantly larger than the existing substation.
6. The proposed substation meets the criteria established by 30 V.S.A. § 248, including the environmental criteria incorporated from Title 10 of the Vermont Statutes pursuant to 30 V.S.A. §248(b)(5), and hence warrants that the Board make the findings requisite to the issuance of a Certificate of Public Good.
7. Pursuant to 30 V.S.A. §§ 248(f), WEC presented and explained the substation reconstruction project to the Central Vermont Planning Commission and the Town of East Montpelier Development Review Board in April, 2010. Both the Central Vermont Planning Commission and the Town of Calais waived their respective 45 day notice requirements. **WEC Exhibits 7 & 8.**

8. By providing service to customers in the Town of East Montpelier, and the surrounding areas, the proposed substation and relocation of transmission line as described herein will promote the general good of the State of Vermont.

9. This petition is appropriately processed and resolved by the Board under the provisions of 30 V.S.A. § 248(j), in that the substation construction and relocation of the transmission line:

- a) involves construction of facilities under 30 V.S.A. § 248(a)(2);
- b) are of limited size and scope;
- c) do not raise a significant issue with respect to the substantive criteria of 30 V.S.A. § 248; and
- d) are such that the public interest will be satisfied by use of the procedures delineated in 30 V.S.A. § 248(j).

10. The following persons are adjoining landowners of the site for the proposed substation reconstruction, based upon a certified grand list of the Town of East Montpelier that existed on July 6, 2010:

- 1. Oran Jilandran
38 Elm Street
Montpelier, Vermont 05602
- 2. Jon Jewett
130 Quaker Road
East Montpelier, Vermont 05651
- 3. Frank Campbell
140 Quaker Road
East Montpelier, Vermont 05651
- 4. Ford Marden
120 Quaker Road
East Montpelier, Vermont 05651

5. Linda Royce 70 Quaker Road
East Montpelier, Vermont 05651

6. Pastor Mark McEathron
Old Brick Church
East Montpelier, Vermont 05651

12. Proposed findings and a proposed certificate of public good have been included with this filing in accordance with 30 V.S.A. § 248(j).

13. The reconstruction of the East Montpelier substation will promote the general good by replacing an outdated and aged substation with a modern and efficient facility that will help insure reliable electric service to approximately 1640 of WEC's members along with providing adequate for future growth within the general area.

14. In support of this petition, WEC submits the following prefiled testimony and exhibits:

Witnesses

1. **Robert Kischko, P.E.**, testifies about the general state of the existing East Montpelier substation, the general construction features of the new substation, and how the construction of the new substation and its operation will not result in undue noise.

2. **Daniel Crocket, P.E.**, testifies to how the Washington Electric Cooperative will serve the load at East Montpelier substation during its reconstruction. In addition, he provides testimony about how the substation reconstruction will not adversely affect system stability pursuant to 30 V.S.A. § 248(b)(3).

3. **Dan Weston, WEC Director of Engineering and Operations**, provides testimony describing the reconstruction of the East Montpelier Substation. He explains how the new substation is consistent with 30 V.S.A. § 248 b(6) relating to WEC's least-cost integrated plan, b(7) Vermont's 2005 Electric Plan, b(4) is economically beneficial to the State of Vermont and its residents, and b(10) can be economically served by existing transmission facilities.

In addition, his testimony addresses how the proposed Project meets the environmental criteria set forth in 30 V.S.A. §248 (b)(1) relating to orderly development of the region,

(b)(2) need for present and future demand which could not otherwise be provided in a more cost effective manner (b)(5) aesthetics, historic sites, air and water purity, the natural environment, and public health and safety, 10 V.S.A. §1424a(d) outstanding resource waters, §6086(a)(1) water and air pollution, §6086(a)(1)(A) headwaters, §6086(a)(1)(B) waste disposal, §6086(a)(1)(C) water conservation, §6086(a)(1)(D) floodways, §6086(a)(1)(E) streams, §6086(a)(1)(F) shorelines, §6086(a)(1)(G) wetlands, §6086(a)(2)(3) sufficiency of water, §6086(a)(4) soil erosion, §6086(a)(5) transportation systems, §6086(a)(6) educational services, §6086(a)(7) municipal services, §6086(a)(8) aesthetics, historic sites or rare and irreplaceable natural areas, §6086(a)(8)(A) necessary wildlife habitat and endangered species, §6086(a)(9)(K) public investments, and 30 V.S.A. §248(b)(8) outstanding water resources.

Exhibits

WEC Exhibits 1(C), (E),(S)	RK-1(C), (E), (S)	Site and Design Plans
WEC Exhibit 1(Z)	RK-1(Z)	Kischko CV
WEC Exhibit 2(a)	DW-2(a)	Excerpts from WEC's Long Range Plan
WEC Exhibit 2(b)	DW-2(b)	Excerpts, WEC's CWP
WEC Exhibit 2(c)	DW-2(c)	Excerpt, 2005 VT Elec. Plan
WEC Exhibit 4	DW-4	Cooper Transformer Specs.
WEC Exhibit 5	DW-5	USGS Arial Photo
WEC Exhibit 6(a)	DW-6(a)	E. Montpelier Substation Photos
WEC Exhibit 6(b)	DW-6(b)	E. Montpelier Substation Photos
WEC Exhibit 6(c)	DW-6(c)	Photos of Maple Corner Substation Photos
WEC Exhibit 6(d)	DW-6(d)	Photos of proposed location for substation transmission poles.

WEC Exhibit 7	DW-7	45 day waiver Central VT Planning Commission
WEC Exhibit 8	DW-8	45 day waiver Town of E. Montpelier
WEC Exhibit 9	DW-9	Topographic Map
WEC Exhibit 10	DW-10	Flood Plain Map
WEC Exhibit 11	DW-11	Letter from Ms. McCrumb Regulatory Policy Analyst ANR.
WEC Exhibit 12	DW-12	Letter from State Historic Preservation Officer
WEC Exhibit 13	DW-13	Letter from State Fish & Wildlife Specialist
WEC Exhibit 14	DW-14	Letters to Neighboring Land Owners
WEC Exhibit 16	DW-16	E-mail from Green Mtn. Power
WEC Exhibit 17	DW-17	List of Outstanding Water Resources
WEC Exhibit 21	DC-1	Resume of Dan Crocket

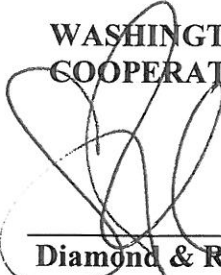
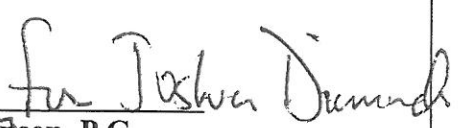
WHEREFORE, WEC respectfully requests that the Board:

- (1) Provide notice of this petition as required by 30 V.S.A. § 248(j);
- (2) Upon expiration of the comment period allowed under 30 V.S.A. § 248(j),
issue a Certificate of Public Good in substantially the form of the draft certificate
offered herein; and

(3) Take such other measures as may be required for the expeditious review and consideration of this Petition.

Dated at Montpelier, Vermont, this 6th day of July, 2010.

**WASHINGTON ELECTRIC
COOPERATIVE, INC.**

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